

ABSTRACT

Disclosed are composite structures prepared using a hemicellulose-based adhesive. In a preferred embodiment, a laminate composed of plural laminae which have been bonded to one another using a hemicellulose-based adhesive is provided. The laminate is useful as a separator or partition in a shipping vessel. Most preferably, the hemicellulose-based adhesive contains one or more bonding agents and water., the hemicellulose being present in an amount of at least 10% by dry basis weight of the bonding agents.